1636

1600

#7

RAW SEQUENCE LISTING DATE: 12/26/2002
PATENT APPLICATION: **US/10/051,804B** TIME: 13:19:46

Input Set : **A:\K163-cip.app**
Output Set: **N:\CRF4\12262002\J051804B.raw**

```
 4 <110> APPLICANT: ANGEL, PETER
 5       HERRLICH, PETER
 6       VAN DAM, HANS
 7       VAN DER ERB, ALEX
 9 <120> TITLE OF INVENTION: TRANSCRIPTION FACTORS AND THEIR USE
11 <130> FILE REFERENCE: K-163-CIP
13 <140> CURRENT APPLICATION NUMBER: 10/051,804B
14 <141> CURRENT FILING DATE: 2002-01-11
16 <150> PRIOR APPLICATION NUMBER: 09/679,695
17 <151> PRIOR FILING DATE: 2000-10-05
19 <150> PRIOR APPLICATION NUMBER: PCT/EP99/01805
20 <151> PRIOR FILING DATE: 1999-03-18
22 <150> PRIOR APPLICATION NUMBER: DE 190 15 331.7
23 <151> PRIOR FILING DATE: 1998-04-06
25 <160> NUMBER OF SEQ ID NOS: 37
27 <170> SOFTWARE: PatentIn Ver. 2.1
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 31
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
36       sequence
38 <220> FEATURE:
39 <221> NAME/KEY: MOD_RES
40 <222> LOCATION: (2)..(7)
41 <223> OTHER INFORMATION: Variable amino acid
43 <220> FEATURE:
44 <221> NAME/KEY: MOD_RES
45 <222> LOCATION: (9)..(13)
46 <223> OTHER INFORMATION: Variable amino acid
48 <220> FEATURE:
49 <221> NAME/KEY: MOD_RES
50 <222> LOCATION: (14)
51 <223> OTHER INFORMATION: Tyr or Gly
53 <220> FEATURE:
54 <221> NAME/KEY: MOD_RES
55 <222> LOCATION: (15)
56 <223> OTHER INFORMATION: Variable amino acid
58 <220> FEATURE:
59 <221> NAME/KEY: MOD_RES
60 <222> LOCATION: (17)..(22)
61 <223> OTHER INFORMATION: Variable amino acid
```

p.6

RAW SEQUENCE LISTING DATE: 12/26/2002
PATENT APPLICATION: US/10/051,804B TIME: 13:19:46

Input Set : A:\K163-cip.app
Output Set: N:\CRF4\12262002\J051804B.raw

<220> FEATURE:
<221> NAME/KEY: MOD_RES
<222> LOCATION: (24)..(29)
<223> OTHER INFORMATION: Variable amino acid
<220> FEATURE:
<221> NAME/KEY: MOD_RES
<222> LOCATION: (31)
<223> OTHER INFORMATION: Variable amino acid
<400> SEQUENCE: 1
W--> **Leu Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu**
1 5 10 15
W--> **Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa**
20 25 30
<210> SEQ ID NO: 2
<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Unknown Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Unknown Sequence: cJun wt
<400> SEQUENCE: 2
Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
1 5 10 15
Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
20 25 30
<210> SEQ ID NO: 3
<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
<400> SEQUENCE: 3
Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
1 5 10 15
Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
20 25 30
<210> SEQ ID NO: 4
<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
<400> SEQUENCE: 4
Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
1 5 10 15
Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
20 25 30
<210> SEQ ID NO: 5

RAW SEQUENCE LISTING DATE: 12/26/2002
PATENT APPLICATION: US/10/051,804B TIME: 13:19:46

Input Set : A:\K163-cip.app
Output Set: N:\CRF4\12262002\J051804B.raw

<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
<400> SEQUENCE: 5
Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
1 5 10 15
Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
20 25 30

<210> SEQ ID NO: 6
<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
<400> SEQUENCE: 6
Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
1 5 10 15
Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
20 25 30

<210> SEQ ID NO: 7
<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
<400> SEQUENCE: 7
Leu Lys Glu Lys Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
1 5 10 15
Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
20 25 30

<210> SEQ ID NO: 8
<211> LENGTH: 31
<212> TYPE: PRT
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
<400> SEQUENCE: 8
Leu Lys Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
1 5 10 15
Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Lys Gln
20 25 30

<210> SEQ ID NO: 9
<211> LENGTH: 31

RAW SEQUENCE LISTING DATE: 12/26/2002
PATENT APPLICATION: **US/10/051,804B** TIME: 13:19:46

Input Set : **A:\K163-cip.app**
Output Set: **N:\CRF4\12262002\J051804B.raw**

```
201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
206       peptide
208 <400> SEQUENCE: 9
209 Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
210   1               5                  10                  15
212 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
213              20                  25                  30
216 <210> SEQ ID NO: 10
217 <211> LENGTH: 31
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
223       peptide
225 <400> SEQUENCE: 10
226 Leu Lys Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
227   1               5                  10                  15
229 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Lys Gln
230              20                  25                  30
233 <210> SEQ ID NO: 11
234 <211> LENGTH: 31
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
240       peptide
242 <400> SEQUENCE: 11
243 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
244   1               5                  10                  15
246 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
247              20                  25                  30
250 <210> SEQ ID NO: 12
251 <211> LENGTH: 31
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257       peptide
259 <400> SEQUENCE: 12
260 Leu Lys Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
261   1               5                  10                  15
263 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
264              20                  25                  30
267 <210> SEQ ID NO: 13
268 <211> LENGTH: 31
269 <212> TYPE: PRT
```

RAW SEQUENCE LISTING DATE: 12/26/2002
PATENT APPLICATION: **US/10/051,804B** TIME: 13:19:46

Input Set : **A:\K163-cip.app**
Output Set: **N:\CRF4\12262002\J051804B.raw**

```
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
274       peptide
276 <400> SEQUENCE: 13
277 Leu Glu Glu Lys Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
278   1               5                  10                  15
280 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
281             20                  25                  30
284 <210> SEQ ID NO: 14
285 <211> LENGTH: 31
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
291       peptide
293 <400> SEQUENCE: 14
294 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
295   1               5                  10                  15
297 Ser Thr Ala Asn Met Leu Arg Glu Gln Val Ala Gln Leu Glu Gln
298             20                  25                  30
301 <210> SEQ ID NO: 15
302 <211> LENGTH: 31
303 <212> TYPE: PRT
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
308       peptide
310 <400> SEQUENCE: 15
311 Leu Glu Glu Lys Val Lys Thr Leu Lys Ala Gln Asn Tyr Glu Leu Ala
312   1               5                  10                  15
314 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Glu Gln
315             20                  25                  30
318 <210> SEQ ID NO: 16
319 <211> LENGTH: 31
320 <212> TYPE: PRT
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
325       peptide
327 <400> SEQUENCE: 16
328 Leu Glu Glu Glu Val Lys Thr Leu Glu Ala Gln Asn Tyr Glu Leu Ala
329   1               5                  10                  15
331 Ser Thr Ala Asn Met Leu Glu Glu Glu Val Ala Gln Leu Glu Gln
332             20                  25                  30
335 <210> SEQ ID NO: 17
336 <211> LENGTH: 31
337 <212> TYPE: PRT
338 <213> ORGANISM: Unknown Sequence
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/26/2002
PATENT APPLICATION: US/10/051,804B TIME: 13:19:47

Input Set : A:\K163-cip.app
Output Set: N:\CRF4\12262002\J051804B.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3,4,5,6,7,9,10,11,12,13,14,15,17,18,19,20,21,22,24,25,26
Seq#:1; Xaa Pos. 27,28,29,31
Seq#:21; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:22; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:23; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:24; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:25; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:26; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:27; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:28; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:29; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:30; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:31; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:32; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:33; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:34; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:35; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:36; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29
Seq#:37; Xaa Pos. 3,5,6,7,10,12,13,14,15,18,20,21,22,25,27,28,29